

OVERCOMING KARNAL BUNT AS A QUARANTINE PEST



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Workshop Objectives and Overview of Strategic Plan



Objectives:

- Obtain input from Stakeholders**
- Share results from 2004**
- Share program/regulation updates**
- Assess progress with Strategic Plan**

Karnal Bunt of Wheat



We believe that:

- Low inoculum potential;
- Infrequent periods conducive to the disease;
- Low teliospore production; and
- Marked demise of teliospores

are responsible for the sporadic and extremely low levels of disease typical of Karnal bunt.

Karnal Bunt of Wheat



Position Background Statement

The American Phytopathological Society

1996 Position Statement

“In the specific case of Karnal bunt, experience from countries where this disease has occurred would suggest further that this is a minor disease, and what little risk does exist can be effectively managed without quarantines.”

Karnal Bunt of Wheat

Position Background Statement



“economically developed countries of western Europe are concerned that, if *T. indica* were introduced, it might adversely affect wheat exports. They are not particularly worried about the damaging effect of the pest itself.”

(McNamara and Smith, 1997)

Karnal Bunt of Wheat

Position Background Statement



“From the onset, disease establishment and crop loss in Canada from *Tilletia indica* has been a very minor issue while system contamination with potential loss of export markets has been the main focus of all regulatory activity.”
(White, 1997)

Karnal Bunt of Wheat

USDA Position



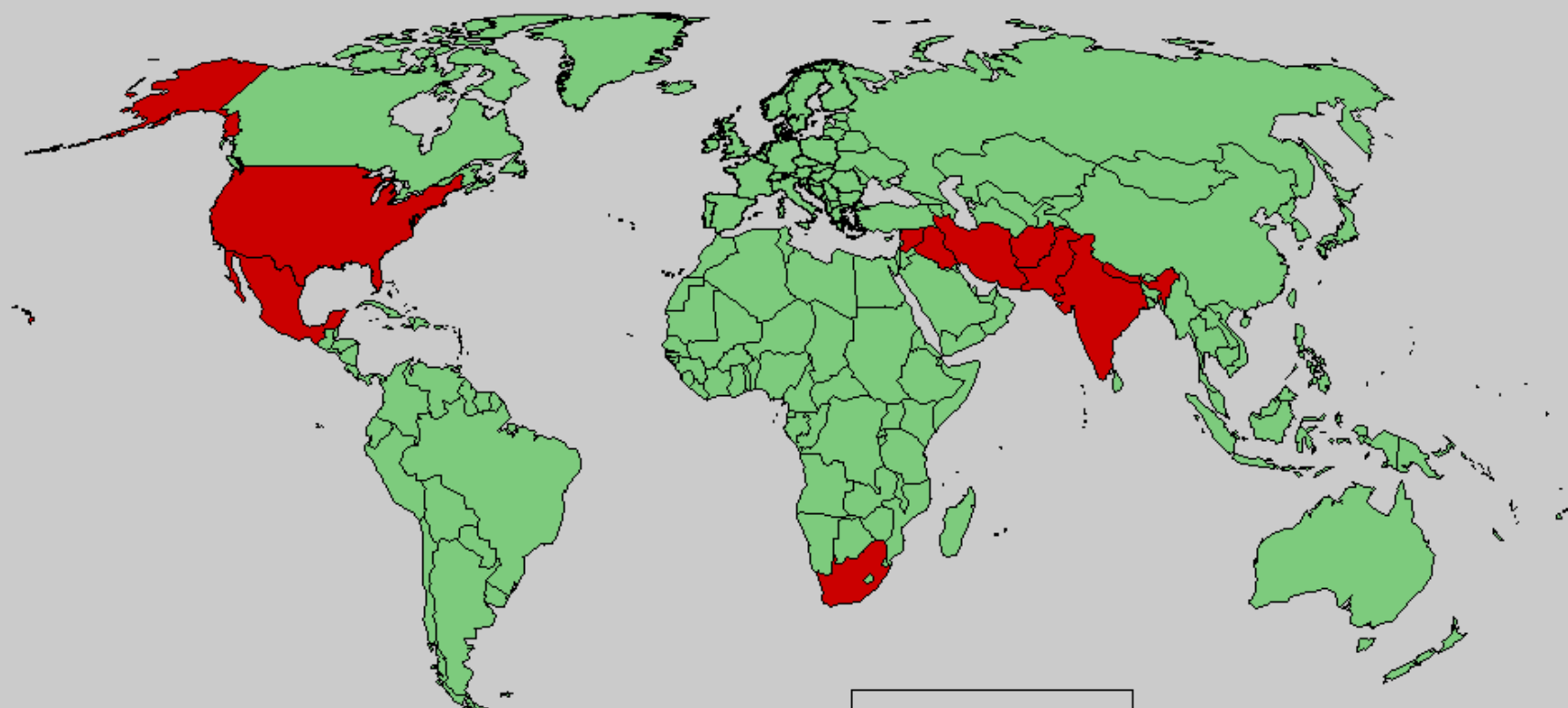
The US Government position is:

1. Karnal bunt is a minor disease of no more than quality concern.

and

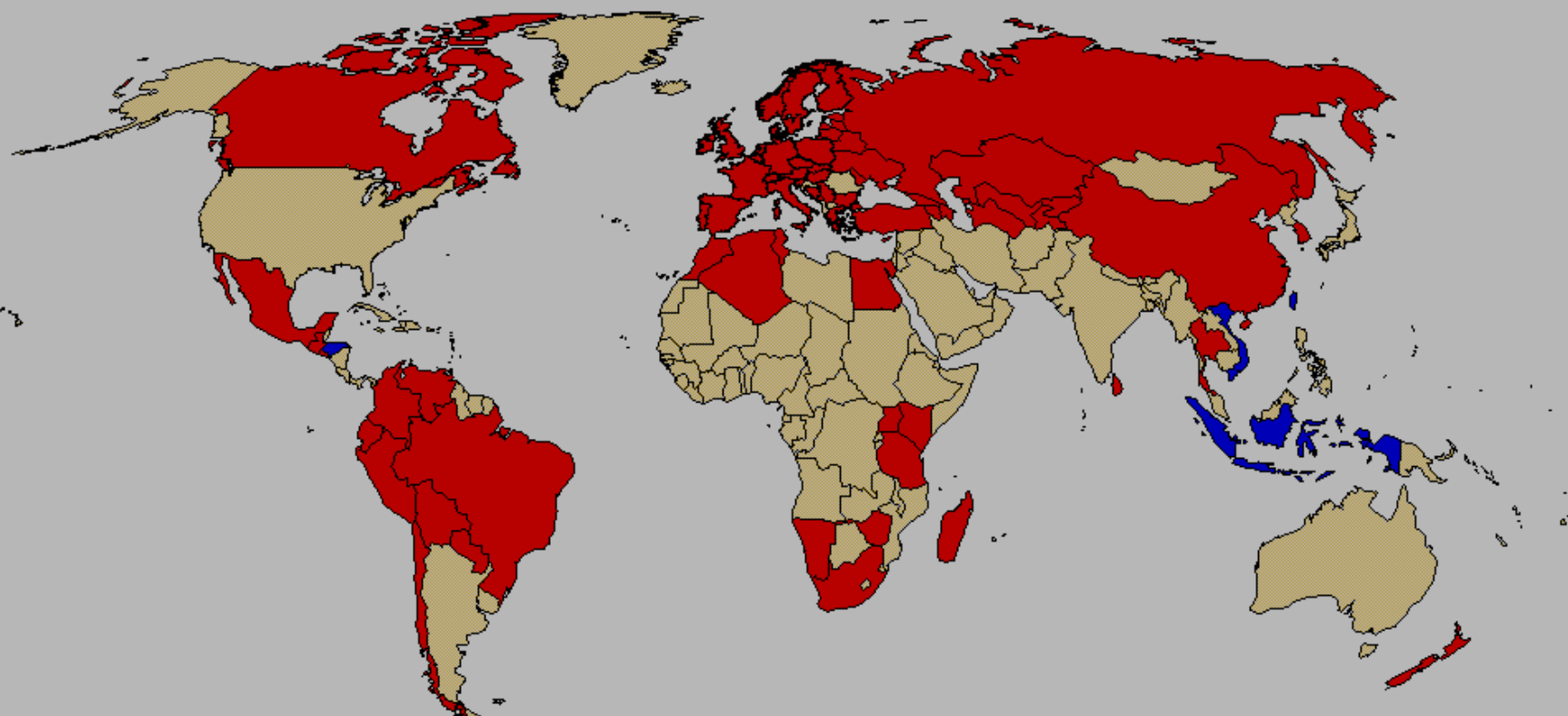
2. Karnal bunt, *Tilletia indica*, causes economic hardship only in light of its quarantine status, not because it is a harmful pathogen.

Countries with Karnal Bunt



Afghanistan
India
Iran
Iraq
Mexico
Nepal
Pakistan
South Africa
Syria
United States

Karnal bunt Additional Declarations



Additional Declarations
Removed

Honduras
Indonesia
Taiwan
Vietnam

Additional Declarations Required

Algeria	China	Germany	Luxembourg	Peru	Tanzania
Armenia	Columbia	Greece	Madagascar	Poland	Thailand
Austria	Cyprus	Guatemala	Malta	Portugal	Tunisia
Azerbaijan	Czech Republic	Hungary	Mexico	Russian Federation	Turkey
Belarus	Denmark	Ireland	Moldova (Republic of)	Serbia	Turkmenistan
Belgium	Ecuador	Italy	Montenegro	Slovakia	Uganda
Bolivia	Egypt	Kazakhstan	Morocco	South Africa	Ukraine
Bosnia and Herzegovina	El Salvador	Kenya	Namibia	Spain	United Kingdom
Brazil	Estonia	Korea	Netherlands	Sri Lanka	Uzbekistan
Bulgaria	Finland	Kyrgyzstan	New Zealand	Sweden	Venezuela
Canada	France	Latvia	Norway	Switzerland	Zimbabwe
Chile	Georgia	Lithuania	Paraguay	Tajikistan	

Karnal Bunt of Wheat

Strategic Plan



- USDA “Strategic Plan for Overcoming Karnal Bunt as a Quarantine Pest While Preserving Export Markets” is on our website at:

<http://www.aphis.usda.gov/ppq>

***Click on Emergency Programs and
Emerging Plant Pests***

KARNAL BUNT

Strategic Plan



- ❖ **5 Year Plan**
- ❖ **Specific goals and actions**
- ❖ **Accountability**



It is the objective of the USDA strategic plan to deregulate Karnal bunt as a quarantine pest, while preserving wheat export markets.



Therefore, USDA is revising domestic regulations to reflect the focus on risk management and to reduce negative economic impacts of regulations.



USDA is presenting the international community with evidence that KB is a minor disease, and is revising its import and domestic regulations to reflect this position.



KARNAL BUNT

Strategic Plan Components

- **Coordination**
- **Communication**
- **International Activities**
- **National Activities**
- **Scientific Support**

Karnal Bunt Strategic Plan *Topic* Leader



Coordination

Dr. Chuck Lambert

Deputy Under Secretary

**Marketing and Regulatory Programs
USDA**

Karnal Bunt Strategic Plan *Topic* Leader



Communication

Claude Knighten

Public Affairs Specialist

Legislative and Public Affairs

APHIS, USDA

Karnal Bunt Strategic Plan *Topic* Leader



International Activities

Robert Riemenschneider

Director

Grain and Feed Division

Foreign Agriculture Service, USDA

Karnal Bunt Strategic Plan *Topic* Leader



National Activities

Dr. Matt Royer

Acting Senior Program Advisor

Pest Detection and Management Programs

PPQ, APHIS USDA

Karnal Bunt Strategic Plan *Topic* Leader



Scientific Support

Dr. Rick Bennett

National Program Leader

Agricultural Research Service

USDA



Success hinges upon:

- ***Commitment* of USDA**
- ***Willingness* of US and foreign trade partners to modify entry requirements**
- ***Agreement* of States not to implement exterior quarantines**
- ***Broad* industry support**

End of Section:
Workshop Objectives
and Overview of
Strategic Plan